

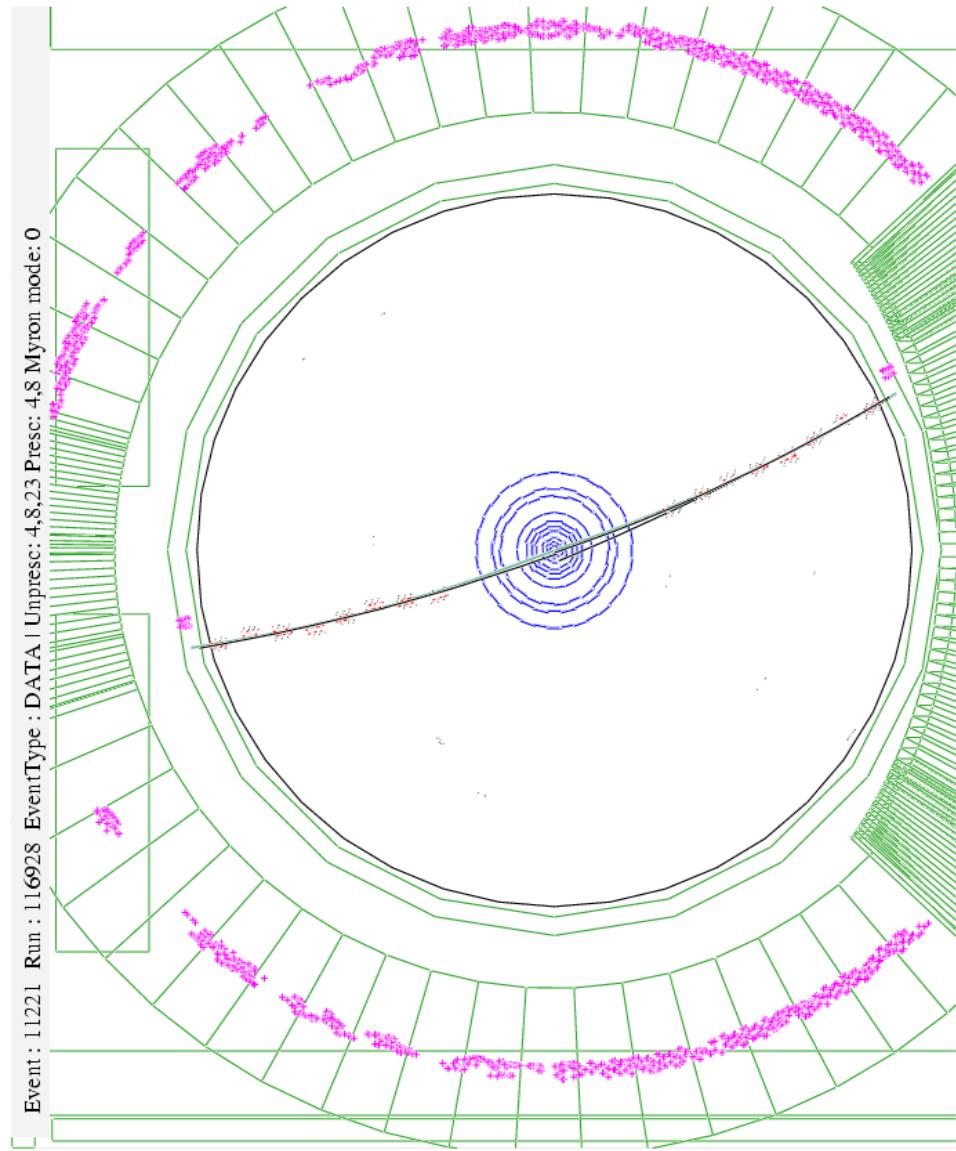
# DAQ / Online

- Reasonably efficient running in the last couple of days, ready for beam
- Run Control crashes ("OutOfMemory" errors) still happen - major clean-up of code
  - Can live with it for now, but annoying. Runs do NOT crash due to this.
- Once more, Coldstart of Level 3 has been improved
  - takes only ~1min now
- XTRP track trigger board currently being integrated
  - XTRP Coldstart is now slower than L3
  - Still readout and initialization issues
- Level 2 decision crate integration somewhat slow
  - frequent crashes, hard to diagnose by shift crew
- "Lost" a couple of TDC's
  - One in COT, already exchanged
  - Four for hadron timing, one in muon scintillator crate
- Bad Tracer (and/or crate) in IMU01 → corrupt data in VRB
- Occasional readout problems with ShowerMax readout boards
  - Since yesterday, ccal01/slot3 and ccal08/slot4

# DAQ / Online

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- Very high noise level in CMX and IMU readout
  - By far the slowest crates, limits livetime



# DAQ / Online

- Ran for a short time with **Silicon integrated** again. Also working on integrating calibrations into run control.
- New (universal) code for **DDG initialization**, avoiding code duplication
- New "cdfsoftb0" installed (3.16.0int2b)
- Need to improve on **Ace documentation and training**
  - Many secret but important features propagated (or not) by word of mouth: how to save a run after run control crashed, how to shepherd a crate back into the run without reinitializing the whole detector, ...
  - Existing documentation often out of date, scattered, off-site, ...
  - Communication from one shift to the next sometimes inadequate: quite frequently the same bad board is re-discovered by each shift again
  - Some calibration procedures are hit-and-miss, require experts around to see what fails